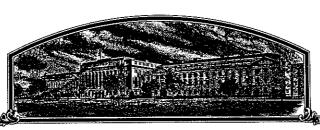
No.



8600006

TO AND TOWNOM THESE: PRESENTS SHALL COME:

Terral-Morris Seed Co., Inc.

Withereas, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLI-CANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED PEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EX-DDE OTHERS FROM SELLING THE WARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, MPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT Y THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. United States seed of this variety (1) shall be sold by variety name only as OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS Y THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

'Terra-Vig 717'

my hand and caused the seal of the Elaut Tariety Protection Office to be affixed at the City of Washington, D. C. 30th day of the year of our Lord one thousand nine hundred and eighty-six.

In Testimony Warrent, I have hexeunto set

Variety Protection Office

AGRICULTURAL MARKETING SE	LTURE	1
LIVESTOCK, MEAT, GRAIN & SEED	FORM APPROVED: OMB NO. 0581-000 No certificate for plant variety protectio	
APPLICATION FOR PLANT VARIETY PROT	FECTION CERTIFICATE	may be issued unless a completed application form has been received (5 U.S.C. 553).
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME
Terral-Norris Seed Co., Inc.	Terra-Vig X 774	Terra-Vig 717
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Cool	de) 5. PHONE (Include area code)	FOR OFFICIAL USE ONLY
604 Ninth Street Lake Providence, La. 71254	(318) 559-2840	PVPO NUMBER 8600006
6. GENUS AND SPECIES NAME 7. FAMILY N	NAME (Botanical)	DATE OA, SUR DE
Glycine max	minosae	10/16/85 TIME 3:00 A.M. [X] P.M.
8. KIND NAME	9. DATE OF DETERMINATION	AMOUNT FOR FILING
Soybean	Antique to the second section of the second section of	DATE 10/16/85 AMOUNT FOR CERTIFICATE
10 IF THE APPLICANT NAMED IS NOT A UDEGOOD WOULD THE		
partnership, association, etc.) Corporation	ta da anticonario de la composição de la	\$ 200 L DATE / 20/86
11. IF INCORPORATED, GIVE STATE OF INCORPORATION Louisiana	HE WAS THE WASHINGTON OF THE WASHINGTON OF THE PARTY OF T	12. DATE OF INCORPORATION
13. NAME AND ADDRESS OF APPLICANT REPRESENTAIVE(S),		1953
Lake Providence, La., 71254 14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBM a. X Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)		Scription of the Variety (Request form
b. X Exhibit B, Novelty Statement		
Lag Annua D, Moverly Statement	C X CYMPITE O. 1	escription of the Variety
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VAF SEED? (See Section 83(a) of the Plant Variety Protection Act.)	C X FXHIRITE OWN	NERSHIP STATEMENT MS
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS WAS	RIETY BE SOLD BY VARIETY NAME X Yes (If "Yes," answer it 17. IF "YES" TO ITEM 16, WI	ONLY AS A CLASS OF CERTIFIED ems 16 and 17 below) No
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VAF SEED? (See Section 83(a) of the Plant Variety Protection Act.) 16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE	RIETY BE SOLD BY VARIETY NAME X Yes (If "Yes," answer it	ONLY AS A CLASS OF CERTIFIED ems 16 and 17 below) No HICH CLASSES OF PRODUCTION OTHER
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VAF SEED? (See Section 83(a) of the Plant Variety Protection Act.) 16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	PIETY BE SOLD BY VARIETY NAME X	ONLY AS A CLASS OF CERTIFIED ems 16 and 17 below) No HICH CLASSES OF PRODUCTION TRIES? NO Certified
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15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VAF SEED? (See Section 8.3(a) of the Plant Variety Protection Act.) 16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? X Yes No 18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VAF	RIETY BE SOLD BY VARIETY NAME Yes (If "Yes," answer it 17. IF "YES" TO ITEM 16, WI BEYOND BREEDER SEED X Foundation RIETY IN THE U.S. OR OTHER COUN	ONLY AS A CLASS OF CERTIFIED ems 16 and 17 below) NO NO NO NO NO NO NO NO NO N
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EXHIBIT A

TERRAL-NORRIS SEED COMPANY'S APPLICATION FOR TERRA-VIG 717

Origin and Breeding History of the Variety

Terra-Vig 717 originated from the cross Experimental 128 x Experimental 41. Experimental 128 was a breeding line which originated from the cross Davis x Pickett. Experimental 41 was a breeding line which originated from the cross Bragg x Pickett. The predigree method of selection was employed in selecting this variety. In 1979, an F4 plant row was bulked for yield testing in 1980. Concurrent yield testing and increasing of this strain, then known as Terra-Vig Experimental 774 were carried out.

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Observation and rogueing were conducted in subsequent years on each increase generation. Based on these observations Terra-Vig 717 is stable for all observable characteristics.

VARIANTS AND THEIR FREQUENCIES ARE STATED UNDER EXHIBIT D.

EXHIBIT B

TERRAL-NORRIS SEED COMPANY'S APPLICATION FOR TERRA-VIG 717

Novelty Statement

Terra-Vig 717 is most similar to Braxton. The principle differences between Terra-Vig 717 and Braxton are pubescence color, foliage color and hilum color. Terra-Vig 717 has a gray pubescence and Braxton has a tawny pubescence. Terra-Vig 717 has a medium to dark green foliage color and Braxton has a light green foliage color. Terra-Vig 717 has an imperfect black hilum and Braxton has a black hilum.

TABLE B I
AVERAGE DATA FOR 13 TESTS CONDUCTED IN MISSISSIPPI,
AND LOUISIANA, 1982, 1983 and 1984

	Terra-Vig 717	Braxton	Difference
Flower Color $\frac{1}{}$	P	Р	No
Pubescence Color $2/$	G	T	Yes
Plant Height (cm)	85.3	90.4	-5.1
Maturity Date	10-31	11-2	-2
Lodging 3/	1.4	1.3	+0.1
Foliage Color <u>4</u> /	3.8	1.6	+2.2
Protein Content (%)	39.5	39.7	-0.2
Oil Content (%)	20.9	19.9	+1.0
Stink Bug Damage $\frac{5}{}$	1.0	1.2	-0.2
Weight gm/100 Seed	11.5	14.0	-2.5
Seed Quality Rating $\frac{6}{}$	2.1	1.6	+0.5
Seed Coat Luster 7/	3.5	4.1	-0.6
Seed Coat Color 8/	4.0	4.0	No
Hilum Color	Imp. BL	Black	Yes
$\frac{1}{V} = Purple$ $W = White$		5/1 = No S 5 = Seve	eed Damage re Seed Damage
$\frac{2}{\text{G}} = \text{Tawny}$ $\text{G} = \text{Gray}$			Good Quality Poor Quality
$\frac{3}{1}$ = No Lodging 5 = Severe Lodging		$\frac{7}{5}$ = Very 5 = Very	
$\frac{4}{1}$ = Very Light Green 5 = Very Dark Green		$\frac{8}{1} = \text{Deep}$ $5 = \text{Light}$	

EXHIBIT C (Soybean)

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE LIVESTOCK, POULTRY, GRAIN & SEED DIVISION BELTSVILLE, MARYLAND 2076

OBJECTIVE DESCRIPTION OF VARIETY

INSTRUCTIONS: See Reverse.	EAN (GLYCINE MAX)	
NAME OF APPLICANT(S)		FOR OFFICIAL USE ONLY
Terral-Norris Seed Co., Inc.		PVPO NUMBER
ADDRESS (Street and No., or R.F.D. No.; City, State, and ZIP C	ode)	8600006
604 Ninth Street		VARIETY NAME OR TEMPORARY DESIGNATION
Lake Providence, La. 71254		TERRA- VIG 717
Place the appropriate number that describes the varie	etal character of this vari	ety in the boxes below.
1, SEED SHAPE		
1 = SPHERICAL 2 = SPHERICAL 3 =	ELONGATE 4 = OTHE	R (Specify)
2. SEED COAT COLOR:		SHADE
1 = YELLOW 2 = GREEN 3 = BR	OWN 4 = BLACK	1 1 = LIGHT 2 = MEDIUM 3 = DARK
5 = OTHER (Specify) 3. SEED COAT LUSTER:	4. SEED SIZE	<u> </u>
1 = DULL 2 = SHINY		ER 100 SEEDS
T. WILLIAM COLOR		<u></u>
5. HILUM COLOR:	·	SHADE:
5 1=BUFF 2=YELLOW 3=BROWN 4	= GRAY 5 = IMPERFECT	1 2 1 = LIGHT 2 = MEDIUM 3 = DARK
6 = BLACK 7 = OTHER (Specify)		1
6. COTYLEDON COLOR:	7. LEAFLET SIZE	(See Reverse):
1 = YELLOW 2 = GREEN	2 1 = SMALE	2 = MEDIUM 3 = LARGE
8. LEAFLET SHAPE:		ra e la fregueria de la companya de La companya de la co
1 = OVATE 2 = OBLONG 3 = LANCEOLATE	4 = ELLIPTICAL 5	= OTHER (Specify)
9. LEAF COLOR (See reverse):		10. FLOWER COLOR:
2 1 = LIGHT GREEN 2 = MEDIUM GREEN 3	= DARK GREEN	1 = WHITE 2 = PURPLE 3 = OTHER (Specify)
11. POD COLOR:	12: POD SET:	V-OTHER (Spoots)
1 = TAN 2 = BROWN 3 = BLACK	1 = SCATTE	ERED 2 = CONCENTRATED
13. PLANT PUBESCENCE COLOR:		I SHADE:
1 = GRAY 2 = BROWN 3 = OTHER (Specify)		2 1=LIGHT 2=MEDIUM 3=DARK
14. PLANT TYPES (See Reverse):	15. PLANT HABIT:	
2 1 = SLENDER 2 = BUSHY 3 = INTERMEDIATE	1 3 = DETERM	IINATE 2 = INDETERMINATE
16. HYPOCOTYL COLOR:	17. SEED PROTEIN:	
2 1 = GREEN 2 = PURPLE	1=A	2 = B
An ANNUARY OF RAME TO PLOWERING I	DUP:	
18. NUMBER OF DAYS TO FLOWERING 19. MATURITY GRO	2 = 0 3 = 1	4=11 5=111
(Place a zero in first box (e.g. 0 9) when	2 = 0 3 = 1	· · · · · · · · · · · · · · · · · · ·
A STATE OF THE STA	7 = v 8 = v	
(Place a zero in first box (e.g. 0 9) when days are 9 or less.) 9 6 = IV 26. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTAN	7 = v 8 = v	/i 9 = VII 10 = VIII
(Place a zero in first box (e.g. 0 9) when days are 9 or less.)	7 = V 8 = V IT LIGHT (Growth Chamber) A1 GTH	/i 9 = VII 10 = VIII
(Place a zero in first box (e.g. 0 9) when days are 9 or less.) 9 6 z IV 26. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTAN (e.g. 0 2) when size is 9 mm. or less.) MM. LENGTH MM. LENGTH	7 = V 8 = V IT LIGHT (Growth Chamber) A1 GTH LEDON —	/i 9 = VII 10 = VIII 7 25 °C. (Place a zero in first box
(Place a zero in first box (e.g. 0 9) when days are 9 or less.) 9 6 z IV 20. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTAN (e.g. 0 2) when size is 9 mm. or less.) MM. LENGTH OF SEEDLING OF COTY	7 = V 8 = V IT LIGHT (Growth Chamber) A1 GTH LEDON —	/i 9 = Vii 10 = Viii 7 25 °C. (Plece = zere in first bex
(Place a zero in first box (e.g. 0 9) when days are 9 or less.) 9 6 ± IV 20. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTAN (e.g. 0 2) when size is 9 mm. or less.) MM. LENGTH OF SEEDLING 21. DISEASE: (Enter 0 = Not Tested; 1 = Susceptible; 2 = Resign 0 BACTERIAL OCYST 0 FROGEYE O STEM O PHYTO-	7 = V 8 = V IT LIGHT (Growth Chamber) A1 GTH LEDON - Bont) 0 PURPLE 0 BROWN 0	POD AND STEM BLIGHT TARGET 10 x VIII 10 x
(Place a zero in first box (e.g. 0 9) when days are 9 or less.) 20. SIZE OF 10 DAY OLD SEEDLING GROWN UNDER CONSTAN (e.g. 0 2) when size is 9 mm. or less.)	7 = V 8 = V IT LIGHT (Growth Chamber) A1 GTH LEDON O PURPLE O STAIN O BROWN STEM ROT O	9 = VII 10 = VIII 7 25 C. (Place a zero in first bex - MM. WIDTH OF COTYLEDON POD AND STEM BLIGHT ROOT KNOT

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant shape	Braxton	Petiole angle	Braxton
Leaf shape	<u> </u>	Seed size	Terra-Vig 606
Leaf color	Terra-Vig 606	Seed shape	Braxton
Leaf surface	Braxton	Seedling pigmentation	Braxton

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIET	R STANDARD VAR	DARD VARIETY
---	----------------	--------------

	NO. OF DAYS	LODGING	PLANT	LEAF	SIZE	CON	TENT	AVERAGE NO. OF PODS PER	IODINE NO.
VARIETY	TO MATURITY	SCORE	HEIGHT (Cm)	Width	Length	Protein	Oil .	PLANT	IODINE NO.
Submitted	10-31	1.4	85.3		_	39.5	20.9 %	_	-
Name of similar variety									
Braxton	11-2	1.3	90.4	1 <u></u> / _	/	39.7	19.9	_	<u> </u>

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for completing this form:

- 1. Scott, Walter O. and Samuel R. Aldrich, 1970, Modern Soybean Production, The Farmer Quarterly.
- 2. Norman, A. G., 1963, The Soybean: Genetics, Breeding, Physiology, Nutrition, Management.
- 3. McKie, J. W., and K. L. Anderson, 1970, The Soybean Book.

LEAF COLOR: Nickerson's or any recognized color fan may be used to determine the leaf color of the described variety. The following Soybean varieties may be used as a guide to identify the colors listed on the form.

COLOR	*	VARIETY
Light Green		''Ada''
Medium Green		"Wilkin"
Dark Green		"Swift"

LEAF SIZE: The following varieties may be used as a guide to identify the relative size leaves.

SIZE	VARIETY
Small	"Amsoy"
Medium	"Bonus"
Large	''Anoka''

PLANT TYPE: The following varieties may be used as a guide to identify the plant type.

TYPE	VARIETY
Slender	''Vansoy''
Intermediate	"Wirth"
Bushy	''Adelphia''

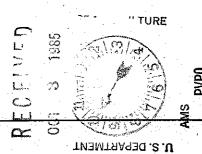


EXHIBIT D

TERRAL-NORRIS SEED COMPANY'S APPLICATION FOR TERRA-VIG 717

Additional Description of the Variety

Terra-Vig is a group VII maturity variety which matures two (2) days earlier than Braxton. Terra-Vig 717 has purple flowers, a gray pubescence and a tan pod wall. The leaves of Terra-Vig are elliptical in shape. The foliage color of Terra-Vig 717 is medium dark green. The seed coat is medium to dull and the seed coat color is light yellow. The hilum color is imperfect black. The seed of Terra-Vig 717 (3,948 seed per pound) is smaller than seed of Braxton (3,243 seed per pound). Terra-Vig 717 is similar in protein content (39.5%) to seed of Braxton (39.7%) Seed of Terra-Vig 717 is slightly higher in oil content (20.9%) than seed of Braxton (19.9%). Terra-Vig 717 is slightly shorter in height (85.3 cm) than Braxton (90.4 cm).

As stated above Terra-Vig 717 has purple flowers. Terra Vig 717 has up to one (1) plant with white flowers in 2,000 plants. Terra-Vig 717 has a gray pubescence with up to one (1) plant with a tawny pubescence in 2,000 plants. Terra-Vig 717 has an imperfect black hilum with up to one (1) seed in 2,000 with a hilum color other than imperfect black.

EXHIBIT E

TERRAL-NORRIS COMPANY'S APPLICATION FOR TERRA-VIG 717

Statement of the Basis of Applicant's Ownership

Terral-Norris Seed Co., Inc. is the owner of Terra-Vig 717 through purchase of the variety.